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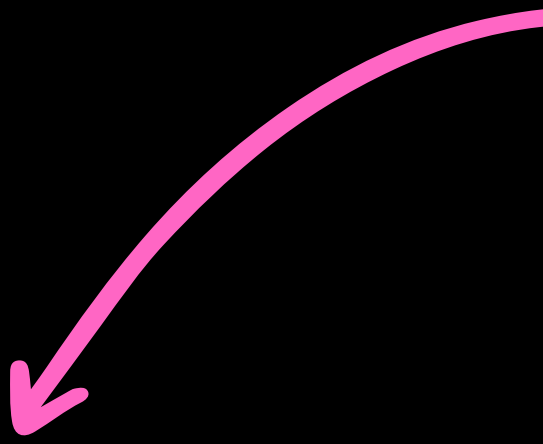

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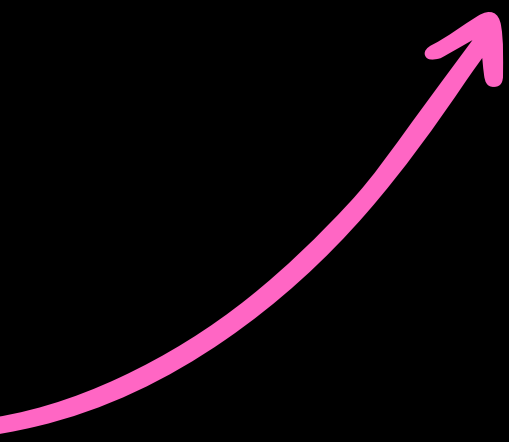

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is dedicated
to those

who really wants
to be a

KALI LINUX - END-TO-END PENETRATION TESTING SOLUTIONS

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INTRODUCTION

काली को पहली बार 2012 में पूरी तरह से नई वास्तुकला के साथ पेश किया गया था। इस डेबियन आधारित डिस्ट्रो को 300 से अधिक उपकरणों के साथ जारी किया गया था जो पैठ परीक्षण और डिजिटल फोरेंसिक के लिए विशेष थे। इसका रखरखाव और वित्त पोषण सिक्योरिटी लिमिटेड द्वारा किया जाता है, जिसमें कोर डेवलपर्स मति अहरोनी, डेवोन र्किन्स और राफेल हर्टजोग शामिल हैं।

काली 2.0 2016 में नए अपडेट और नए डेस्कटॉप वातावरण जैसे KDE, Mate, LXDE, e17 और Xfce बिल्ड के साथ तस्वीर में आया।

जबकि काली पहले से ही दुनिया भर में पैठ परीक्षकों की मदद करने के लिए सैकड़ों अद्भुत उपकरणों और उपयोगिताओं के साथ पहले से सुसज्जित हैं, इस अध्याय में कुशलतापूर्वक काम करने के लिए, हम मुख्य रूप से कुछ कस्टम ट्विक्स को कवर करेंगे जिनका उपयोग करने के लिए और भी बेहतर अनुभव करने का अनुभव उपयोगकर्ता हो सकता है।

Configuring Kali Linux

हम विभिन्न सुरक्षा वातावरण जैसे Mate, e17, Xfce, LXDE और KDE डेस्कटॉप को स्थापित और कॉनफ़िगर करने के लिए आक्रामक सुरक्षा द्वारा प्रदान किए गए आधिकारिक काली लिनक्स आईएसओ का उपयोग करेंगे।

Getting ready

इस रेसिपी के साथ शुरू करने के लिए हम आक्रामक सुरक्षा वेबसाइट पर सूचीबद्ध 64–बिट काली लिनक्स आईएसओ का उपयोग करेंगे:

https://www.kali.org/downloads/

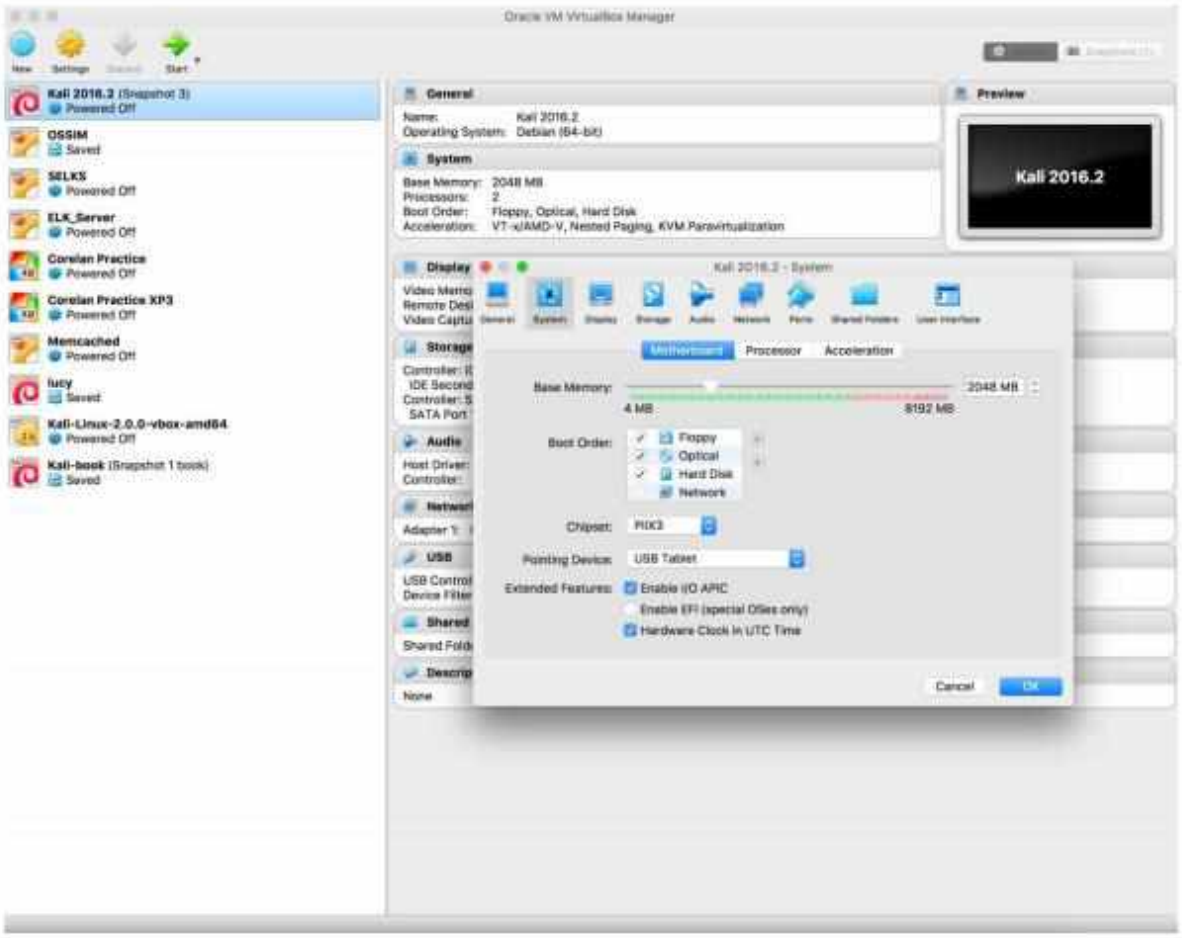
> *For users looking to configure Kali in a virtual machine such as VMware, VirtualBox, and so on, a pre-built image of the Linux can be downloaded from https://www.offensive-security.com/kali-linux-vmware-virtualbox-image-download/.*

हम इस अध्याय में virtual image का उपयोग करेंगे और इसे कुछ अतिरिक्त उपकरणों के साथ अनुकूलित करेंगे।

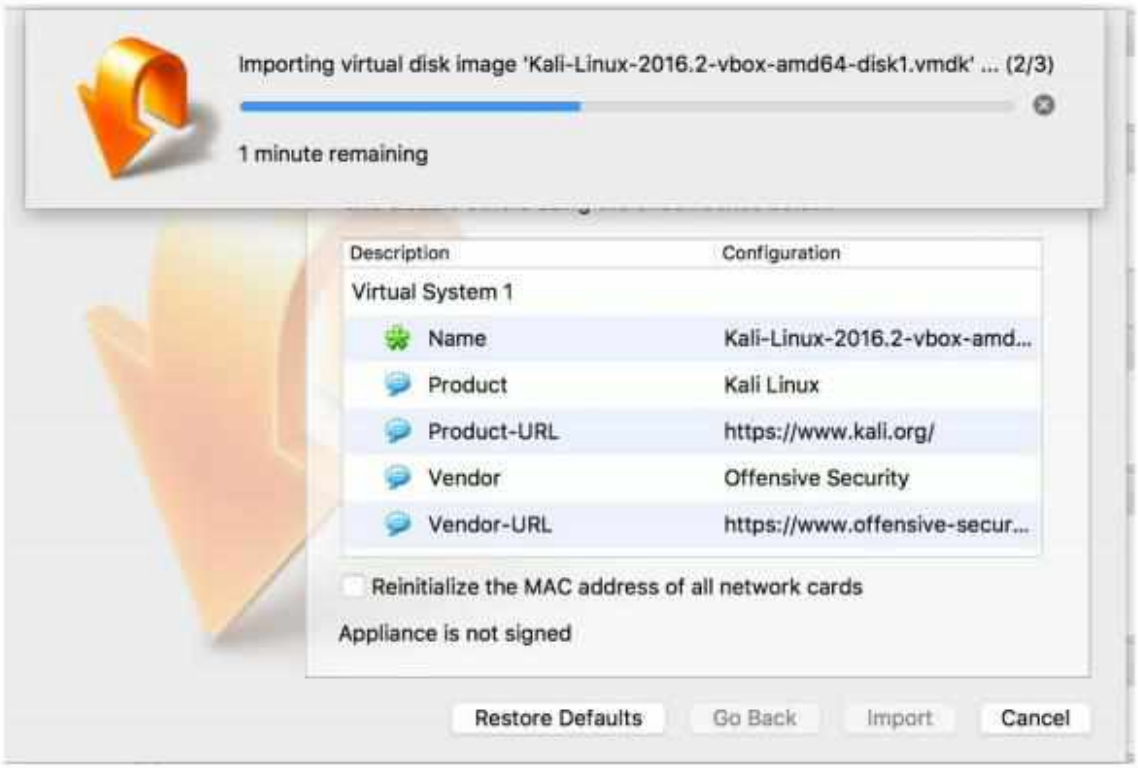
How to do it...

You can configure Kali with the help of the given steps:

1. Double-click on the VirtualBox image, it should open with VirtualBox:



2. Click Import:



3. Start the machine and enter the password as `toor`:

4. Now, Kali is started and by default is configured with the GNOME desktop environment:

Applications
Places
Wed 02:18

How it works...

पूर्व–निर्मित छवि के साथ आपको स्थापना प्रक्रिया के बारे में चिंता करने की आवश्यकता नहीं है। आप इसे तैयार समाधान के रूप में मान सकते हैं। बस रन पर क्लिक करें और वर्चुअल मशीन सामान्य मशीन की तरह लिनक्स को बूट करेगी।

Configuring the Xfce environment

Xfce यूनिक्स और यूनिक्स जैसे प्लेटफार्मों के लिए एक स्वतंत्र, तेज और हल्का डेस्कटॉप वातावरण है। इसकी शुरुआत ओलिवियर फोर्डन ने की थी 1996. Xfce नाम मूल रूप से XForms आम पर्यावरण के लिए खड़ा था, लेकिन उस समय से Xfce को दो बार फिर से लिखा गया है और अब XForms टूलकिट का उपयोग नहीं करता है।

How to do it...

To configure the Xfce environment follow the given steps:

1. We start by using the following command to install Xfce along with all plugins and goodies:

```
apt-get install kali-defaults kali-root desktop-base xfce4
xfce4-places-plugin xfce4-goodies
```

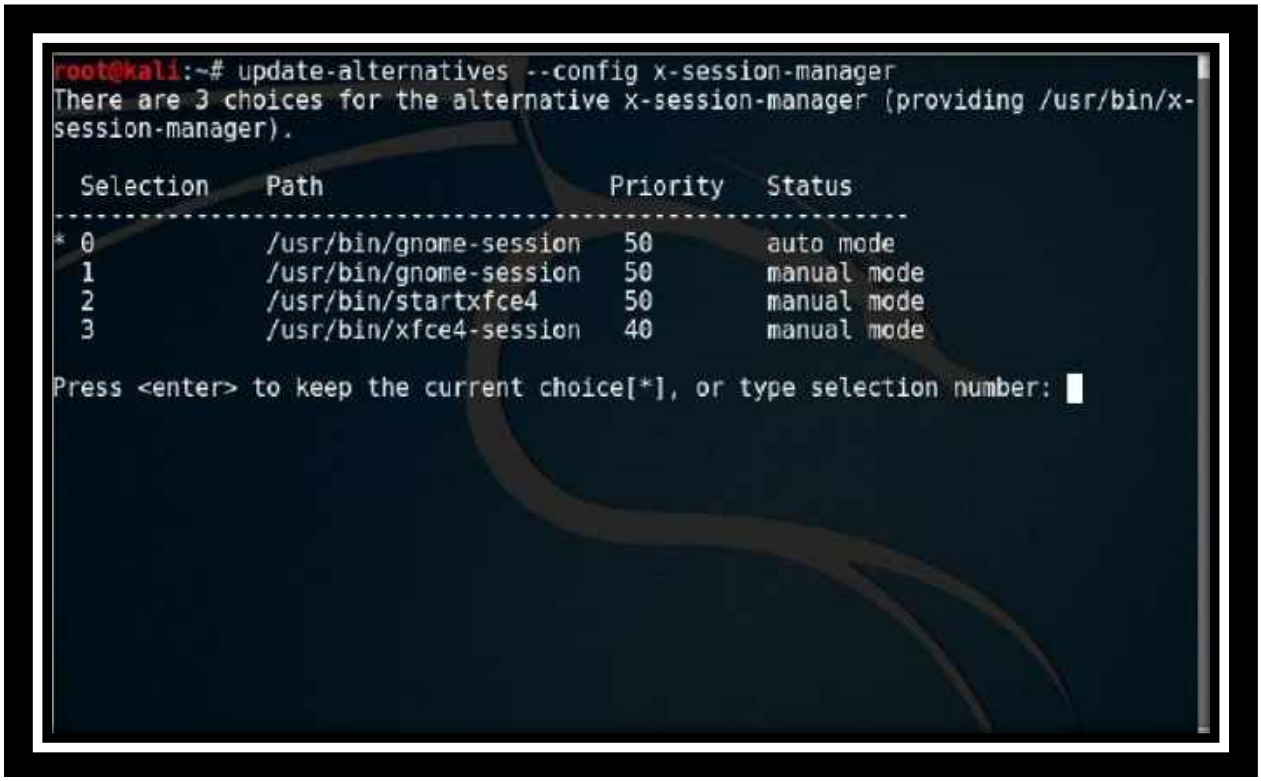
The following screenshot shows the preceding command:

2. Type v when it asks for confirmation on additional space requirements.
3. Select Ok on the dialogue box that appears.

4. We select lightdm as our default desktop manager and press the *Enter* key.
5. When the installation is complete we open a Terminal window and type the fallowing command:

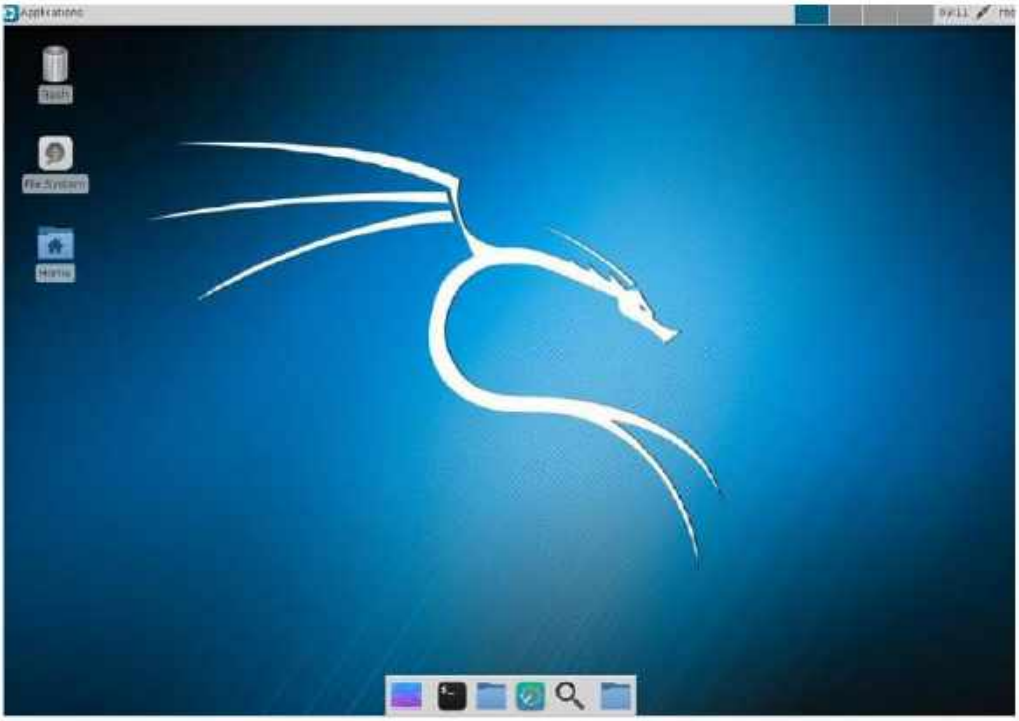
```
update-alternatives --config x-session-manager
```

The following screenshot shows the output of the preceding command:



6. Choose the option xfce4-session (in our case 3) and press the *Enter* key.

7. Log out and log in again or you can restart the machine and we will see the Xfce environment:


Applications
Trash
File System
Home

Configuring the Mate environment

मेट डेस्कटॉप वातावरण (environment) GNOME 2 की निरंतरता में बनाया गया था. यह पहली बार 2011 में जारी किया गया था.

How to do it...

To configure the Mate environment follow the given steps:

1. We start by using the following command to install the Mate environment:

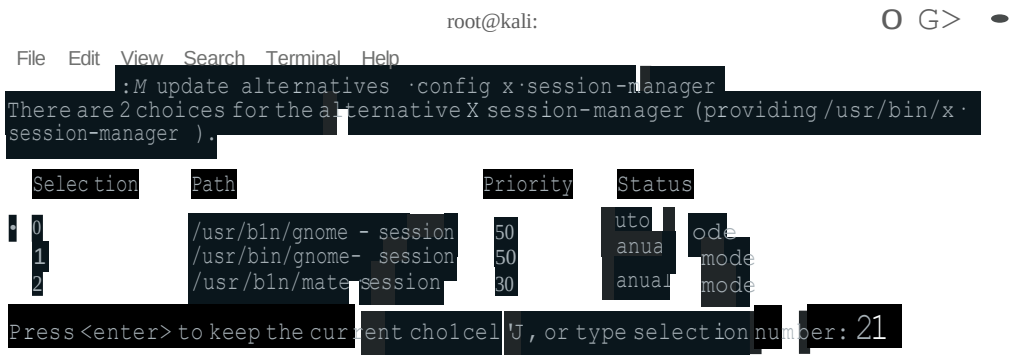
```
apt-get install desktop-base mate-desktop-environment
```

The following screenshot shows the preceding command:

2. Type v when it asks for confirmation on additional space requirements.
3. When installation is complete we will use the following command to set Mate as our default environment:

```
update-alternatives --config x-session-manager
```

4. Choose the option mate-session (in our case 2) and press the *Enter* key:



5. Log out and log in again or restart and we will see the Mate environment:

Applications
Places
System

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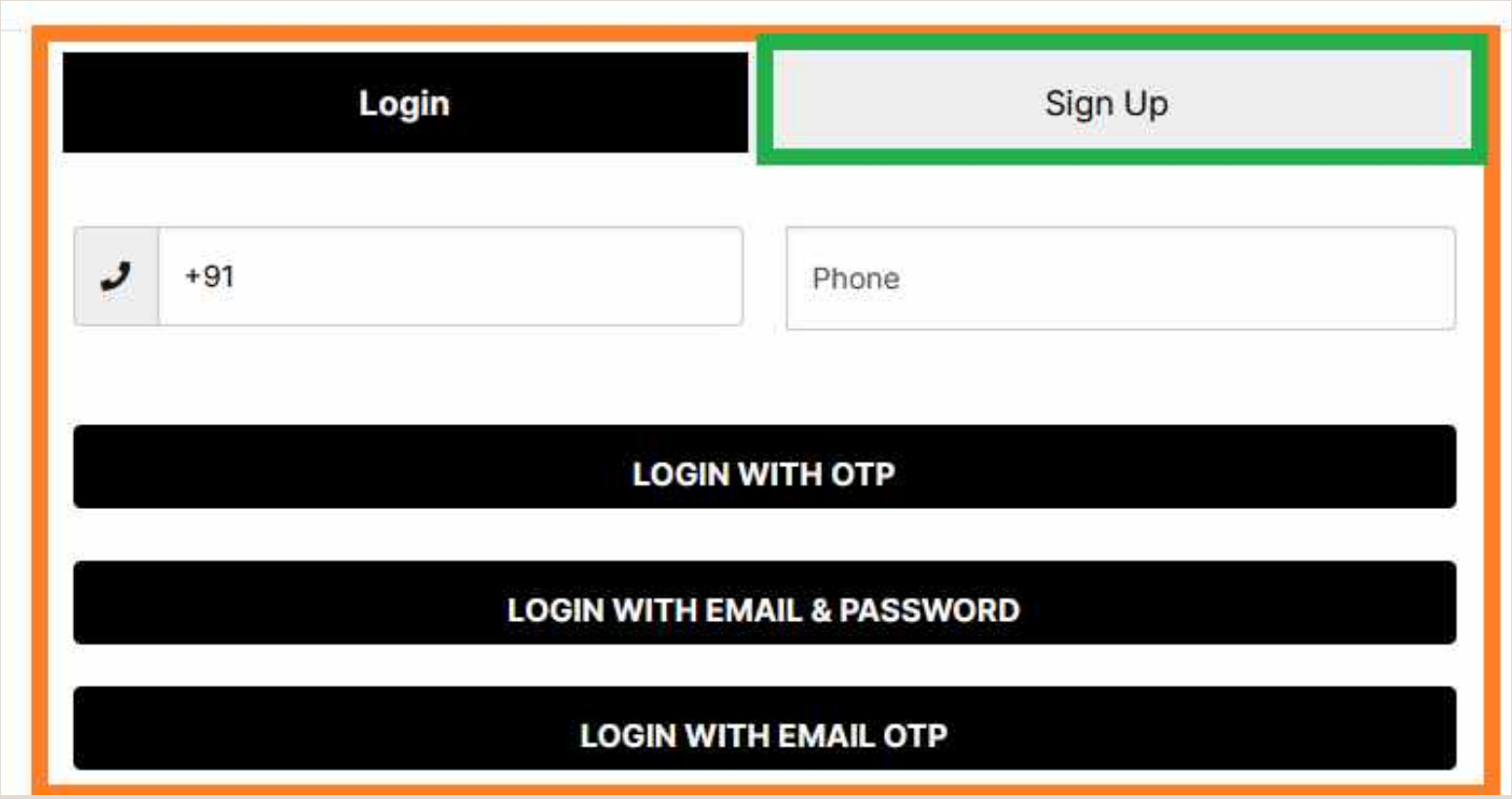

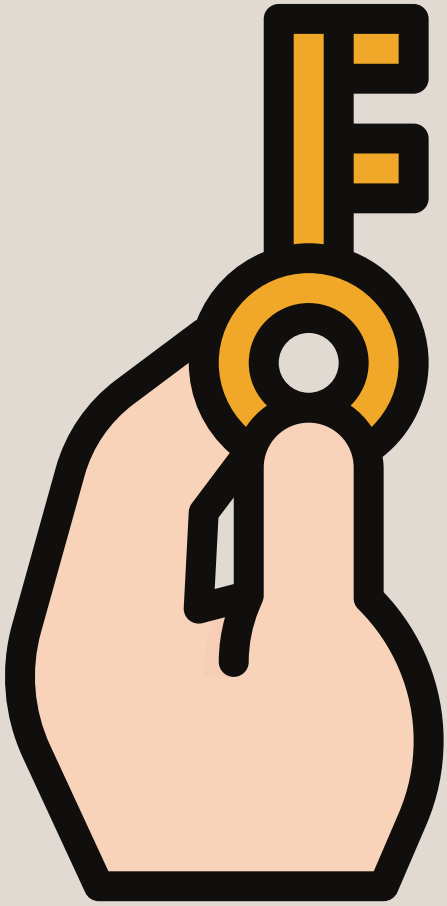

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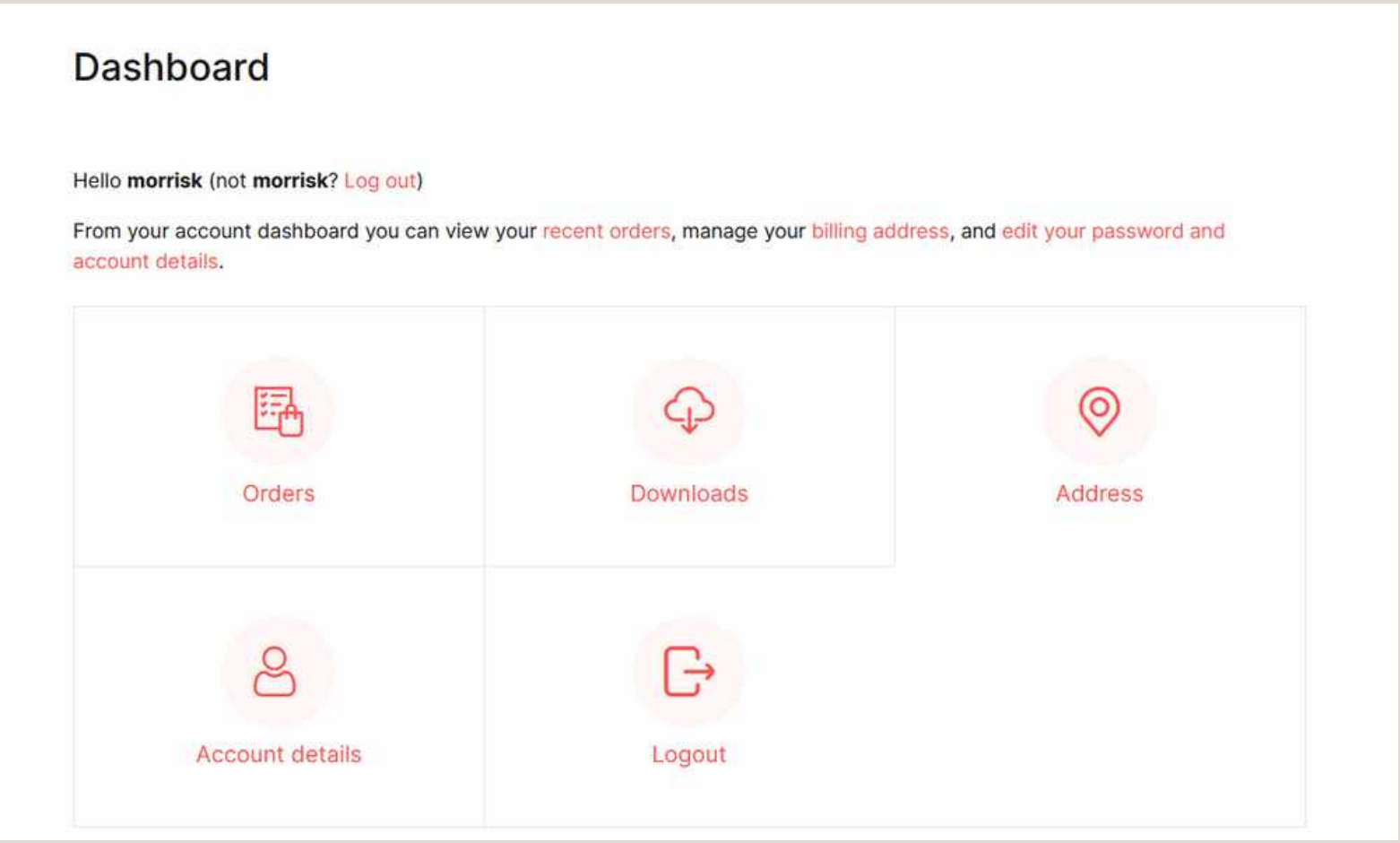

Thank you